

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE CHARLESTON SC
1138 AM EDT TUE OCT 22 2013

...A REVIEW OF THE CHARLESTON SOUTH CAROLINA NATIONAL WEATHER
SERVICE FROST AND FREEZE PROGRAM...

THE NATIONAL WEATHER SERVICE IN CHARLESTON WILL ISSUE WATCHES...WARNINGS
AND ADVISORIES FOR FROST AND FREEZE CONDITIONS ACROSS ALL OF
SOUTHEAST SOUTH CAROLINA AND MUCH OF SOUTHEAST GEORGIA DURING THE
LOCAL GROWING SEASON WHICH IS DETERMINED BASED ON MEDIAN FREEZE
DATES.

A MAP SHOWING THE MEDIAN FIRST FREEZE DATES ACROSS THE AREA CAN BE
FOUND ON OUR WEBSITE AT /ALL IN LOWER CASE LETTERS/...
[HTTP://WEATHER.GOV/IMAGES/CHS/MISC/MEDIAN_FIRST_FREEZE.PNG](http://weather.gov/images/chs/misc/median_first_freeze.png)

THE FOLLOWING ARE THE CRITERIA USED TO DETERMINE WHEN THESE PRODUCTS
WILL BE ISSUED...

...FREEZE WATCH...

A FREEZE WATCH IS ISSUED WHEN THERE IS A 50 PERCENT OR GREATER
PROBABILITY THAT LOW TEMPERATURES WILL DROP TO 32 DEGREES OR
LOWER...USUALLY WITHIN 12 TO 48 HOURS...DURING THE GROWING
SEASON.

...FREEZE WARNING...

A FREEZE WARNING IS ISSUED WHEN THERE IS AN 80 PERCENT OR GREATER
PROBABILITY THAT LOW TEMPERATURES WILL DROP TO 32 DEGREES OR
LOWER...USUALLY WITHIN 12 TO 24 HOURS...DURING THE GROWING
SEASON.

...FROST ADVISORY...

A FROST ADVISORY IS ISSUED WHEN THERE IS AN 80 PERCENT OR GREATER
PROBABILITY THAT CONDITIONS WILL SUPPORT THE DEVELOPMENT OF
SCATTERED OR WIDESPREAD FROST DURING THE GROWING SEASON. PATCHY
FROST DOES NOT NECESSITATE THE ISSUANCE OF A FROST ADVISORY...
EXCEPT POSSIBLY DURING UNUSUALLY WARM PERIODS WHEN VEGETATION IS
MORE SENSITIVE.

IF A SIGNIFICANT FREEZE OCCURS ACROSS ALL OF SOUTHEAST GEORGIA
AND SOUTHERN SOUTH CAROLINA PRIOR TO NOVEMBER 30...FROST AND
FREEZE PRODUCTS WILL BE DISCONTINUED FOR THE REST OF THE SEASON.
IF A WIDESPREAD FREEZE DOES NOT OCCUR PRIOR TO DECEMBER 1...FROST
AND FREEZE PRODUCTS WILL STILL BE DISCONTINUED ON NOVEMBER 30
BASED ON THE CLIMATOLOGY OF FREEZE DATES ACROSS THE AREA AND WILL RESUME
AGAIN MARCH 1 2014.

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